

Abstract of the Disclosure

5 A graphics integrated circuit chip is used in a set-top box
for controlling a television display. The graphics chip processes
analog video input, digital video input, a graphics input and an
audio input simultaneously. The chip processes graphics images
organized as windows. The chip obtains data that describes the
10 windows, sorts the data according to the depth of the window on the
display, transfers graphics images from memory, and blends the
graphics images using alpha values associated with the graphics
images.

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